



RE: Tomorrow's Stormwater Technical Team Meeting

Carl Stivers to: Carl Stivers, Kristine Koch, Andy Koulermos,
Amanda Shellenberger, Amanda Spencer,
Sanders, Dawn, Scheffler, Linda, Laura Jones,
Cc: "Bob Wyatt", "Rick Applegate", "MCCLINCY Matt", "Jessica Pisano",
"Gene Revelas", "Christine Hawley", "Jim McKenna"

11/12/2007 08:28 PM

3 attachments



GOOutput.xls BoxPlotsAllData.doc ProbPlotsbyLanduse.pdf

All - Please see email from Andy below. Note I have been out of the office today and on the road tomorrow morning. So if you need hard copies please try to print them out at your offices before coming over to the meeting. Sorry for any inconvenience.

Carl

From: Andy Koulermos [mailto:akoulermos@newfields.com]
Sent: Mon 11/12/2007 1:20 PM
To: Carl Stivers
Subject: RE: Tomorrow's Stormwater Technical Team Meeting

Hey Carl:

I know it's early days in the data analysis, but I have taken a quick look at the TSS and PCB datasets for storm water and thought a quick discussion at the meeting tomorrow might help everyone get a little more comfortable with the big picture and help start discussions on data reduction and interpretations. The dataset looks quite promising to me.

Would you please distribute the attached to the tech team and bring paper copies tomorrow? If we have time I'd be happy to run through a few of the key concepts and see what ideas we can come up with for the path forward.

Thanks much.

Andy.

From: Carl Stivers
Sent: Mon 11/12/2007 9:27 AM
To: Koch.Kristine@epamail.epa.gov; Andy Koulermos;
Amanda Shellenberger; Amanda Spencer; Sanders, Dawn;
Scheffler, Linda; Laura Jones;
mcoover@ensr.aecom.com; LaFranchise, Nicole; TARNOW
Karen E
Cc: Bob Wyatt; Rick Applegate; MCCLINCY Matt; Jessica
Pisano; Gene Revelas; Christine Hawley; Jim McKenna
Subject: Tomorrow's Stormwater Technical Team Meeting

Stormwater Technical Team -

This is to confirm our meeting tomorrow (Nov. 13)
from 12:30 to 3:00pm at the City's Portland Building
(1120 SW 5th Ave.). Please go to the 10th floor to
sign in
at reception. The meeting will be held on the 11th
floor in the Redwood
Room. There will be a conference phone available for
those who opt to call in. (The call in number is

Non-Responsive

Also, attached is revised version of the loading
methods that we sent around last time. Per our last
call it has been revised to describe one potential
specific approach to loading calculations (rather
than all the options). I think we should also go
over the loading methods that Kristine sent around
recently. Laura and I will also provide a status up
data on integration of T4 and GE data into the LWG
database and an analysis of stormwater data
distributions.

See you tomorrow.

Thanks.

Carl

From: Carl Stivers
Sent: Tue 10/16/2007 5:18 PM
To: Carl Stivers; Koch.Kristine@epamail.epa.gov; Andy
Koulermos; Amanda Shellenberger; Amanda Spencer;
Sanders, Dawn; Scheffler, Linda; Laura Jones;
mcoover@ensr.aecom.com; LaFranchise, Nicole; TARNOW
Karen E
Cc: Bob Wyatt; Rick Applegate; MCCLINCY Matt; Jessica
Pisano; Gene Revelas; Christine Hawley; Jim McKenna
Subject: Notes from Oct. 16 Stormwater Technical Team
Meeting

Stormwater Technical Team -

<<Data Needs Summary Oct 16.xls>>

Here are the highlights and action items from today's call. We decided that the next meeting (in person for most folks) will be on November 13th from 12:30 to 3 pm. A meeting location will be confirmed in a later email. The primary topic of discussion for this meeting will be the methods for loading calculations and estimates.

The primary topic of conversation for the Oct. 16 meeting was to finalize the data needs proposal. The attached table shows the data needs developed by the group. Note that there was disagreement on the need for sampling the T-4 site (WR-169) per the attached table, but the group agreed that we are requesting LWG discuss their position on sampling at this location in light of the Port's objections to this data need.

Note that the group also agreed that in general flow meters do not need to be deployed at sites where only sediment traps are being proposed. One exception, for WR-4, is noted in the attached table.

Please let me know ASAP if you have any objections or changes to this table before we provide it to the LWG Exec. for requested approval. I would like to send this to the LWG tomorrow if at all possible. Remember that any changes at this point need to be clear omissions or clarification based on the meeting discussions. Otherwise we would have to reconvene to discuss, which the current timeline does not allow.

Per the group's request, we are also working on an additional table that shows the fall/winter data collection ongoing or proposed for the T-4 and GE sites. This will come out in a later email.

It was agreed that the general path forward would be:

- * Obtain official LWG approval/disapproval between Oct. 16 and October 31. Target date October 24.

- * Assuming approval is provided, formalize proposal in a technical memo from Oct. 16 to October 31, with EPA approval to proceed on or about October 31. (Note that this memo would heavily reference the existing FSP and would only note those new items necessary to execute this additional proposed work.) After the meeting, I thought about this a little more, and I think the earliest that this FSP addendum would come to EPA for approval is November 1. So, we will be seeking EPA approval essentially as fast as possible.

* Deploy sediment traps from approximately Nov. 1 (depending on date of EPA approval) through Dec. 31

* Be on alert for storm events from approximately Nov. 1 (depending on date of EPA approval) through Dec. 31 and collect storms as possible per the FSP requirements.

Additional items and action items that were discussed:

* Per Merv's suggestion, Anchor will look into the ability to deploy twice the number (or possibly more) of sediment trap bottles at the fall sampling locations to improve sampling volumes.

* In addition to the general description of the fall sampling, the FSP addendum would describe only those items that differ from the existing FSP. Examples discussed include: prioritization changes of sediment trap analytes based on data available already as well as that flow meters will not be deployed at sediment trap only locations.

* Andy Koulermos will look into the status of the WR-169 sediment trap and stormwater sampling to see how this might impact the requested LWG discussion on potentially sampling for PCBs at this site.

* For the next meeting:

- o Anchor/Integral will assess the distributions of stormwater data (assess for normality) and will provide a summary of this to the team prior to the next meeting.

- o Anchor will sort through options provided in the previous stormwater loading options description and propose a reasonable specific approach to facilitate discussions next time.

- o Anchor/Integral will discuss what form we currently have T-4 data and determine whether we need it in some other form to start to integrate it into the overall stormwater database.

- o Anchor/Integral will also discuss a proposed path forward for integrating these data and will report back on a proposed plan at the next meeting.

Let me know if I missed anything. Thanks much.

Carl

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